APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/704,896	11/02/2000	Richard Hayton	CTX-061(1545/109)	4523

7590 02/09/2004	EXAMINER
Patent Administrator	TRAN, QUOC A

Patent Administrator
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ART UNIT	PAPER NUMBER
2176	8

DATE MAILED: 02/09/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/704,896	HAYTON ET AL.
	Examiner	Art Unit	
	Quoc A. Tran	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>02 November 2000</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-18* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-18* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date *2,3,5,6,7*.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____ .

DETAILED ACTION

1.   This action is in responses to application filed 11/02/2000.

2.   Claims 1-18 are currently pending in this application. Claims 1, 11 and 15 are

independent claims.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a
foreign country or in public use or on sale in this country, more than one year
prior to the date of application for patent in the United States.

4.   **Claims 1-14, and 16-18 are rejected under 35 U.S.C. 102(b) as being**

unpatentable by Nazem et al. (hereinafter Nazem) US No. 5,983,227 issued

November 1999.

        In regard to independent claim 1, Nazem teaches, user template is either

generated from user preferences or retrieved from a cache of recently used user

templates, see Nazem col. 1-2, lines 65-67,1-5; compare with claim 1 *"displaying said*

transmitted page on a client",

        Nazem also teaches, generation of a custom page for a user, using a front page

generator 200 and page server 104, see Nazem col. 3 lines 49-55; compare with claim

1 *"receiving by said client a regenerated portion of said transmitted page from a server"*,

Nazem also teaches, the user template is flushed from the cache and regenerated, see Nazem col. 6 line 14-21; compare with claim 1 *"incorporating by said client said regenerated portion into said transmitted page displayed on said client"*.

In regard to dependent claim 2, Nazem teaches, illustration of a user front page 218 returned by page server, see Nazem col. 5, lines 50-58; compare with claim 2 *"receiving by said client a modification list from said server instructing said client on the incorporation of said regenerated page portion into said transmitted page"*.

In regard to dependent claim 3, the feature is inherent in Nazem col. 2, lines 44-48, an HTML source code listing of the HTML page used to generate the browser display; compare with claim 3 *"receiving by said client additional code instructing said client on how to interpret commands contained in said modification list"*.

In regard to dependent claim 4, the feature is inherent in Nazem col. 3, lines 49-54, generation of a custom page for a user, using a front page generator 200 and page server 104; compare with claim 4 *"copying a first portion of said transmitted page displayed on said client; and inserting said copied first portion into a second portion of said transmitted page displayed on said client"*.

In regard to dependent claim 5, the feature is inherent in Nazem col. 5, lines 8-11, HTML (Hypertext Markup Language) document with additional tags as placeholders for live data; compare with claim 5 *"changing an identification tag of said copied first portion inserted in said second portion from a first value to a non-identical second value "*.

In regard to dependent claim 6, the feature is inherent in Nazem

col. 5, lines 56-60, Each of the modules 504 can be customized by a user and moved

about front page 218. The modules 504 are also reusable, in that any customized

module which appears on multiple pages can be edited from any one of those pages;

compare with claim 6 *"moving a first portion of said transmitted page to a second*

portion ".

In regard to dependent claim 7, the feature is inherent in Nazem col. 1,

lines 66-67, a cache of recently used user templates; compare with claim 7 *"the step of*

moving further comprises saving said first portion in a storage buffer ".

In regard to dependent claim 8, the feature is inherent in Nazem col. 3,

line 49-54, generation of a custom page for a user, using a front page generator 200

and page server; compare with claim 8 *"moving said first portion of said transmitted*

page to a second portion within said regenerated portion ".

In regard to dependent claim 9, the feature is inherent in Nazem col. 5,

lines 8-11, document with additional tags as placeholders for live data; compare with

claim 9 *"changing an identification tag of said moved first portion from a first value to a*

non-identical second value".

In regard to dependent claim 10, the feature is inherent in Nazem col. 3,

lines 50-53, Front page generator 200 generates a user template 202 from a global

front page template 204 and a user configuration record 206; compare with claim 10

"replacing a portion of said transmitted page with said regenerated portion ".

In regard to dependent claim 12, the feature is inherent in Nazem col. 3,

position 50-53, the page generator can also intelligently display dates 510 customized

for a particular user, using a time zone variable in the user template. This time zone

variable is shown as the first line in user template 202 in FIG. 4. In addition to being

able to modify each of the modules, in many cases the order of appearance of the

modules is customizable. For example, the order of the various sections of user

template 202 shown in FIG. 4 is not fixed; compare with claim 12 "*display alterer is*

further configured to receive a modification list from said server instructing said client on

the incorporation of said regenerated portion into said transmitted page".

In regard to independent claim 11, is directed to a transceiver for performing

the method of claims 1, and 12, and are similarly rejected under the same rationale.

In regard to dependent claims 13, and 17, the features are inherent in Nazem

col. 2, lines 44-48, two appendices are included at the end of this description. Appendix

A is a full listing of the user template shown in part in FIG. 4. Appendix B is an HTML

source code listing of the HTML page used to generate the browser display; compare

with claim 13 "*display alterer is further configured to receive additional code instructing*

said client on how to interpret commands contained in said modification list", and

compare with claim 17 "*display alterer of said client is further configured to receive*

additional code instructing said client on how to interpret commands contained in said

modification list".

In regard to dependent claim 14, the feature is inherent in Nazem col. 2,

lines 1-5, the user template is either generated from user preferences or retrieved from

a cache of recently used user templates. Each user process is provided access to a

large region of shared memory which contains all of the live data needed to fill any user template.; compare with claim 14 *"a storage buffer in communication with said display alterer, the storage buffer storing a first portion of said transmitted page displayed on said client for use in updating said transmitted page"*.

In regard to dependent claim 16, the feature is inherent in Nazem col. 5, lines 59-65, intelligent defaults can be provided in other contexts. For example, the header of user front page 218 includes a button 508 labelled "myweb" which, when pressed, would lead the user to a custom listing of web sites. The initial defaults for that custom listing of web sites might be generated based on the keywords of interest to that user or based on the news topics, sports teams or weather cities selected by the user; compare with claim 16 *"display alterer of said client is further configured to receive a modification list from said server instructing said client on the incorporation of said regenerated portion into said transmitted page"*.

In regard to dependent claim 18, the feature is inherent in Nazem col. 3, lines 40-48, a Unix file structure, which stores each user configuration in a text file. The particular file used by a user is a combination of the user's user name and a hash result, to allow for quick access when many user configurations are stored. For example, the user configuration for summary "front" page for a user "ash802" might be stored at /de/13/y.ash802, where "de" and "13" are hash results of a hash of the user name "ash802"; compare with claim 18 *"client further comprises a storage buffer in communication with said display alterer, the storage buffer storing a first portion of said transmitted page displayed on said client for use in updating said transmitted page"*.

Claim Rejections - 35 USC § 103

5.   **The following is a quotation of 35 U.S.C. 103(a) which forms the basis for**

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed
> or described as set forth in section 102 of this title, if the differences between the
> subject matter sought to be patented and the prior art are such that the subject
> matter as a whole would have been obvious at the time the invention was made
> to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was
> made.

6.   **Claim 15 is rejected under 35 U.S.C. 103(a) as being unpatentable over**

Nazem, in view of Nehab et al. (hereinafter Nehab) US No. 6,029,182 issued

February 2000.

In regard to independent claim 15, incorporate substantially similar subject

matter as cited in claim 11, and in further view of the following, and are similarly rejected

along the same rationale;

Nazem also teaches, client-server system 100 which is used to display custom

news pages. A custom news page is displayed on a browser 102 which obtains the

page from a page server 104 via Internet, see Nazem col. 2, lines 52-55; compare with

claim 15 "*a server transceiver in communication with said client, said server transceiver*

transmitting said page to said client for display"

Nazem does not explicitly teaches, ***"an external page code source"*** and also

"a partial page regenerator in communication with said server transceiver and

said external page code source, said partial page regenerator receiving from said

external page code source page generation code that generates said page and

executing an associated code fragment of said code to regenerate a portion of

said transmitted page" however **Nehab teaches**, CRAYON "Create Your Own

Newspaper" permits a user to select specific sections from among links to over twenty-

five different on-line newspapers ... The HTML (hypertext markup language) source file

for this newspaper is then stored to mass media storage for later use, see Nehab col.2,

lines 28-39; and **Nehab also teaches** in col.3, lines 15-29, retrieves articles from a

hypermedia-linked computer network and formats the articles into a personalized

newspaper. A stored personal-news-profile is retrieved. The personal-news-profile

includes address data for a site on the hypermedia-linked computer network, command

data for accessing data from the site, and newspaper layout commands. The site is

accessed based on address data stored in the personal-news-profile, and articles at the

site are downloaded based on command data stored in the personal-news-profile. The

downloaded articles are flattened into a linear document, and the linear document is

formatted into the personalized newspaper according to newspaper layout commands

stored in the personal-news-profile.

It would have been obvious to a person of ordinary skill in the art at the time the

invention was made to incorporate the teaching of **Nazem** with System for generating a

custom formatted hypertext document by using a personal profile to retrieve hierarchical

documents from **Nehab's teaching**. One of the ordinary skill in the art would have been

motivated to modify this combination, so that Internet users would *giving the user a*

custom selection of stock quotes, news headlines, sports scores, weather, see

Nazem col. 2, lines 6-7, and also tough in, Nehab col.2, lines 4-9, *The news*

information can then be delivered to the user's computer via modem or E-mail.

However, most Web news site newspapers, like the New York Times, include too

much information, most of which has no interest to the user since the information

is retrieved based only on a keyword match.

Conclusion

7.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Schumacher et al.	U.S. Patent No. 5,933,841	issued	08-1999
Wone	U.S. Patent No. 6,393,422 B1	issued	05-2002
Knight	U.S. Patent No. 6,515,681 B1	issued	02-2003

8.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Quoc A. Tran whose telephone number is (703) 305-

8781. The examiner can normally be reached on Monday through Friday from 8:30AM

to 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Joseph H. Feild can be reached on (703) 305-9792. The fax phone number

for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is (703) 305-

3900.

Quoc A. Tran

Patent Examiner

Technology Center 2176

February 04, 2004

JOSEPH FEILD

SUPERVISORY PATENT EXAMINER